



PATENT  
ATTORNEY DOCKET NUMBER: 08472/716002

Certificate of Mailing: Date of Deposit: April 25, 2003

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Guy E. Beardsley

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jen Sheen

Art Unit: 1649

Serial No.: 08/989,881

Examiner: C. Collins

Filed: December 12, 1997

Title: STRESS-PROTECTED TRANSGENIC PLANTS

BOX APPEAL

Commissioner For Patents

Washington, DC 20231

SUPPLEMENTAL AMENDMENT

Kindly amend the above-referenced application as follows.

In the claims:

Amend claims 24 and 50 as follows.

24. (Three times amended) A plant comprising substantially pure DNA encoding a calcium-dependent protein kinase (CDPK) polypeptide that includes a PK domain, wherein said polypeptide increases the level of tolerance, in a plant expressing said polypeptide, to an environmental stress.

50. (Once amended) The plant of claim 24, wherein said calcium-dependent protein kinase (CDPK) polypeptide is ATCDPK1 or ATCDPK1a.